Tue, 6 Feb 2007, 11:14:13 AM EST

Search Query Display

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#2	((dgital copier<in>metadata) <and> (color conversion<in>metadata))<and> (output timing<in>metadata)
#3	((dgital copier<in>metadata) <and> (color conversion<in>metadata))<and> (output timing<in>metadata)
#4	(digitl image and compression and decompression and start output and timing<IN>metadata)
#5	(digitl image and compression and decompression and start output and timing<IN>metadata)
#6	(((digital and copier and compression and decompression) <in>metadata)) <and> (pyr >= 2003 <and> pyr <= 2004)
#7	(((digital and copier and compression and decompression) <in>metadata)) <and> (pyr >= 2003 <and> pyr <= 2004)
#8	((compression and decompression)<in>metadata)
#9	((compression and decompression)<in>metadata)
#10	((compression and decompression and output and start adj time)<in>metadata)
#11	((compression and decompression and output and start and timing)<in>metadata)
#12	(((digital and copier and compression and decompression) <in>metadata)) <and> (pyr >= 2003 <and> pyr <= 2004)
#13	(((digital and copier and compression and decompression) <in>metadata)) <and> (pyr >= 2003 <and> pyr <= 2004)
#14	(digitl image and compression and decompression and start output and timing<IN>metadata)
#15	(digitl image and compression and decompression and timing<in>metadata)

#16	(digitl image and compression and decompression and start output and timing<IN>metadata)
#17	((dgital copier<in>metadata) <and> (color conversion<in>metadata))<and> (output timing<in>metadata)
#18	(digitl image and compression and decompression and start output and timing<IN>metadata)
#19	(digitl image and compression and decompression and timing<in>metadata)
#20	(digitl image and compression and decompression and timing<in>metadata)
#21	(digital copier and variable length compression and color conversion<IN>metadata)
#22	(digital copier and variable near length and compression and color near conversion<in>metadata)
#23	(digital copier and variable and compression and color near conversion<in>metadata)
#24	(digital copier and variable and compression and conversion<in>metadata)
#25	(digital . <in> metadata) <and> (8452 <in> punumber)
#26	((digital and copier)<in>metadata)
#27	((digital and copier)<in>metadata)
#28	((digital and copier)<in>metadata)
#29	((digital and copier) and (timing and control)<IN>metadata)

Pentium-Mmx Based Implementation Of A Digital Copier (Make Corrections)

Jae-Woo Ahn and Wonyong Sung School of Electrical Engineering, Seoul National ...

Abstract: In this paper, wedevelop real-time image processing programs for a digital copier using a general purpose microprocessor. Toexploit the inherent data parallelism in many image processing algorithms, we use the Intel's Pentium processor with multimedia-extension (MMX). Each step of the digital copier process including the X-Zoom and the error diffusion halftoning is aggressively optimized for the Pentium MMX processor. The X-Zoom process that is based on the linear interpolation method is... (Update)

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Bouras, S.; Kotronakis, M.; Suyama, K.; Tsividis, Y.
Fuzzy Systems, IEEE Transactions on
Volume: 6 Issue: 2 May 1998
Page(s): 205-215
Digital Object Identifier 10.1109/91.669017
Summary: A fuzzy logic controller has been realized using mixed analog-digital CMO integration (VLSI) circuits for application in cases where the input and output variables form. It employs a new architecture where time sweepin.....
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2. **Pentium-MMX-based implementation of a digital copier**
Ahn, J.-W.; Sung, W.
Signal Processing Systems, 1998. SIPS 98. 1998 IEEE Workshop on
8-10 Oct 1998
Page(s): 142-151
Digital Object Identifier 10.1109/SIPS.1998.715777
Summary: We develop real-time image processing programs for a digital copier using purpose microprocessor. To exploit the inherent data parallelism in many image proce we use Intel's Pentium processor with multimedia extension (MMX).....
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